

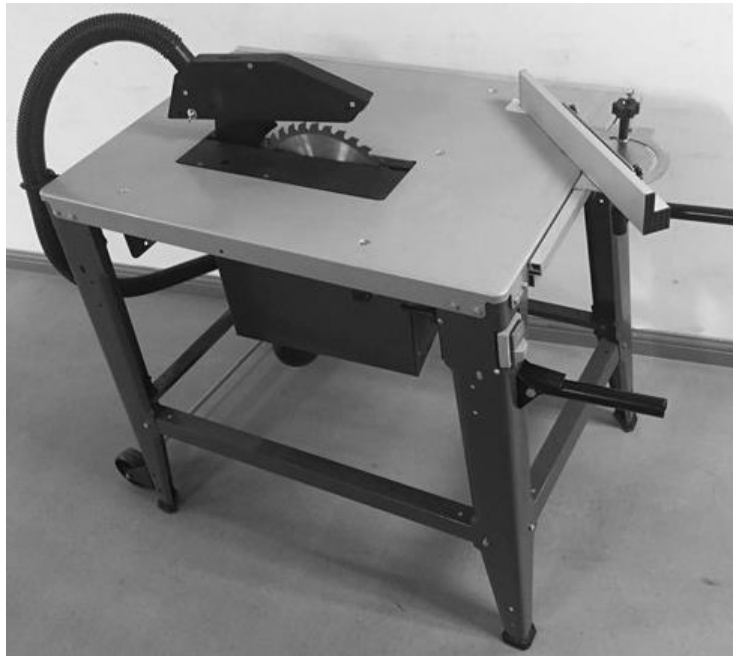
*Laurent Asty*

# HYUNDAI

## POWER EQUIPMENT

### TABLE SAW

### HCP3000



**WARNING:** Please read the manual carefully before using the unit!

## 1. SECURITY WARNINGS

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**WARNING!** When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

Read all these instructions before attempting to operate this product and save these instructions.

- 1. Keep work area clear**
  - Cluttered areas and benches invite injuries.
- 2. Consider work area environment**
  - Do not expose tools to rain.
  - Do not use tools in damp or wet locations.
  - Keep work area well lit.
  - Do not use tools in the presence of flammable liquids or gases.
- 3. Guard against electric shock**
  - Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).
- 4. Keep other persons away**
  - Do not let persons, especially children, not involved in the work touch the tool or the extension cord and keep them away from the work area.
- 5. Store idle tools**
  - When not in use, tools should be stored in a dry locked-up place, out of reach of children.
- 6. Do not force the tool**
  - It will do the job better and safer at the rate for which it was intended.
- 7. Use the right tool**
  - Do not force small tools to do the job of a heavy duty tool.
  - Do not use tools for purposes not intended; for example do not use circular saws to cut tree limbs or logs.
- 8. Dress properly**
  - Do not wear loose clothing or jewellery; they can be caught in moving parts.
  - Non-skid footwear is recommended when working outdoors.
  - Wear protective hair covering to contain long hair.
- 9. Use protective equipment**
  - Use safety glasses.
  - Use face or dust mask if working operations create dust.
- 10. Connect dust extraction equipment**
  - If the tool is provided for the connection of dust extraction and collecting equipment, ensure these are connected and properly used.
- 11. Do not abuse the cord**
  - Never yank the cord to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges.
- 12. Secure work**
  - Where possible use clamps or a vice to hold the work. It is safer than using your hand.
- 13. Do not overreach**
  - Keep proper footing and balance at all times.
- 14. Maintain tools with care**
  - Keep cutting tools sharp and clean for better and safer performance.
  - Follow instruction for lubricating and changing accessories.

- Inspect tool cords periodically and if damaged have them repaired by an authorized service facility.
- Inspect extension cords periodically and replace if damaged.
- Keep handles dry, clean and free from oil and grease.

**15. Disconnect tools**

- When not in use, before servicing and when changing accessories such as blades, bits and cutters, disconnect tools from the power supply.

**16. Remove adjusting keys and wrenches**

- Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

**17. Avoid unintentional starting**

- Ensure switch is in "off" position when plugging in.

**18. Use outdoor extension leads**

- When the tool is used outdoors, use only extension cords intended for outdoor use and so marked.

**19. Stay alert**

- Watch what you are doing, use common sense and do not operate the tool when you are tired.

**20. Check damaged parts**

- Before further use of tool, it should be carefully checked to determine that it will operate properly and perform its intended function.
- Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation.
- A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre unless otherwise indicated in this instruction manual.
- Have defective switches replaced by an authorized service centre.
- Do not use the tool if the switch does not turn it on and off.





**21. Warning**















- The use of any accessory or attachment other than one recommended in this instruction manual may present a risk of personal injury.



**22. Have your tool repaired by a qualified person**

- This electric tool complies with the relevant safety rules. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user

**Warning Symbols**

	<b>ATTENTION!</b>
	<b>Read the manual carefully before using the machine.</b>
	<b>Perform all machine settings with the machine being disconnected from the power supply!</b>
	<b>Wear ears and eyes protection.</b>

	<b>Operation with gloves forbidden!</b> <b>Gloves may be only used at maintenance work and changing the saw blade</b>
	<b>Do not touch the rotatory blade by hands.</b>
	<b>Do not use the machine in raining.</b>
	<b>Do not connect with household power supply.</b>
	<b>Wear suitable work clothes! Do not wear loose clothing or jewelry as they might be caught and cause severe accidents!</b>
	<b>Wear a hair net if you have long hair</b>
	<b>Keep other people, particularly children, away from work area.</b>
	<b>Do not remove any chippings, sawdust and waste from the dangerous area around the circular saw blade with hands.</b>
	<b>Danger! electric shock</b>
	<b>The appliance must be switched off and unplugged for the following works</b> <ul style="list-style-type: none"> <li>- repairs</li> <li>- servicing and cleaning</li> <li>- troubleshooting</li> <li>- saw transport</li> <li>- circular saw blade replacement</li> <li>- when leaving the saw (even for short work interruptions)</li> </ul>
	<b>Take care the projectile from the blade</b>
	<b>Conforms to relevant safety standards</b>
	<b>Do not dispose of old appliances with domestic rubbish.</b>
	<b>Protect the machine from dampness (causing a short circuit)</b>

	<p><b>Keep this side up.</b></p>
	<p><b>Risk of cutting and injuries from the rotating blade!</b></p>

**Residual risks**

Even if you use this product in compliance with all safety requirements, the potential risks of injury and damage remain. The following hazards may arise from the structure and design of this product:

- There are harmful health consequences resulting from the emission of vibrations if the product is used for long periods of time or not properly managed and properly maintained.
- There is risk of injury and property damage due to attachments or the sudden impact of hidden objects when using the blade.
- Risk of injury to persons and property caused by flying objects.
- Risk of inhalation of dusts.
- Serious injuries to hands and fingers by the cutting tool or the cut material if the blade is used non-correctly.

Always wear complete protective equipment and take all actions in order to reduce the risks.

**Intended use**

The table saw blade can be used for straight and transverse cutting of massive wood and board materials such as chipboard, block board and fibreboard.

Use the appliance as designated, the manufacturer's conditions regarding the operation, servicing and repairs must be met and the safety instructions included in the Operating Instructions must be followed.

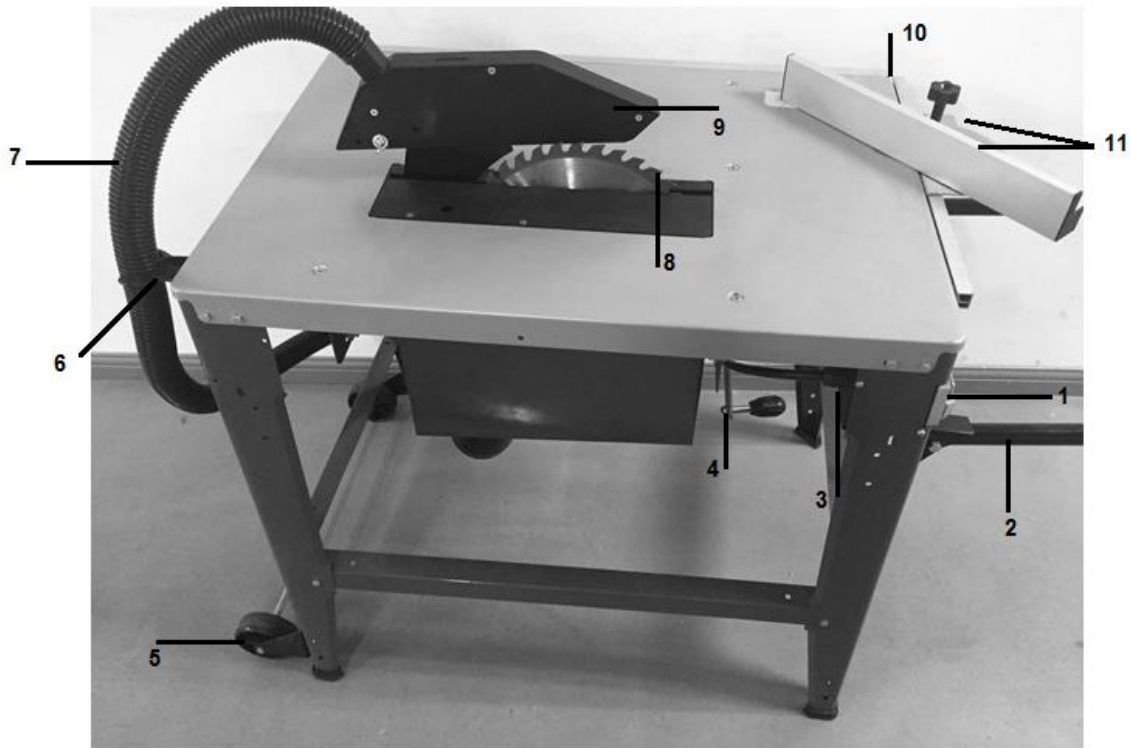
Any other use of the saw exceeding the specified extent will be considered a use in conflict with the designation. The manufacturer will not be liable for any damage of any kind caused by using the appliance in that manner; the risk will be bore by the user.

This table saw must only be used, repaired and maintained by persons over 18 years of age. Any metal parts must be removed from the cut wood.

## 2. YOUR PRODUCT

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### a. Description



1. Null voltage switch
2. Transport handle
3. Plug
4. Hand wheel
5. Wheels

6. Hose handle
7. Hose
8. Blade
9. Blade cover protection
10. Guide rail
11. Rip fence and mitre saw adjustment

The tool is also provided with one extension table, 4 bars extensions, a set of screws and bolts, blade wrench and a push stick.



**b. Technical specifications**

Voltage	400V 3~ 50 Hz
Rated input power	P1 3000W S6 40%
No load speed	2800/min
Protection rating	IP20
Blade dimensions	Ø315 x Ø30 x 40T
Table size without extension	800x550mm
Table height	800mm
Blade tilting range	0°-45°
Cutting depth at 90°	82mm
Cutting depth at 45°	58mm
Weight	47kg
Sound power level (L <sub>WA</sub> *)	118 dB(A)
Uncertainty	KpA:3dB(A)
Sound pressure level (L <sub>PA</sub> *)	105 dB(A)
Uncertainty K <sub>WA</sub>	3 dB(A)

The vibration value does not exceed 2.5m/s<sup>2</sup>

**Recommended values of dust collector**

Air speed: 20 m/s

Vacuum : 1600 Pa

Air volume : 24 m<sup>3</sup>/h

### 3. ASSEMBLY

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**INFORMATION:**

Following the model, the table and/or some parts are potentially already assembled. Please check your delivery first before. Follow the below steps if the tool is not fully assembled. We recommend the user to have a help for an experienced person for the mounting of this table, specifically for untrained persons.

Some pieces (washers, bolts, etc.) are not provided with this tool. You can buy them in specialized stores in order to assemble the tool. The tool must be assembled as described below, with the correct tools.

- a) Put the table on an appropriate work bench.
- b) Take four M6x16 hex head bolts, four M6 washers and four M6 nuts and mount the feet on the table. The bolts must not be tightened too much. Do same action for the 4 foot.



- c) Take two M6x16 hex head bolts, two M6 washers and two M6 nuts and mount the guide rail on sides of the table (one horizontal, one vertical). Screw the guide rails. Make sure longer bolts for rails are used.

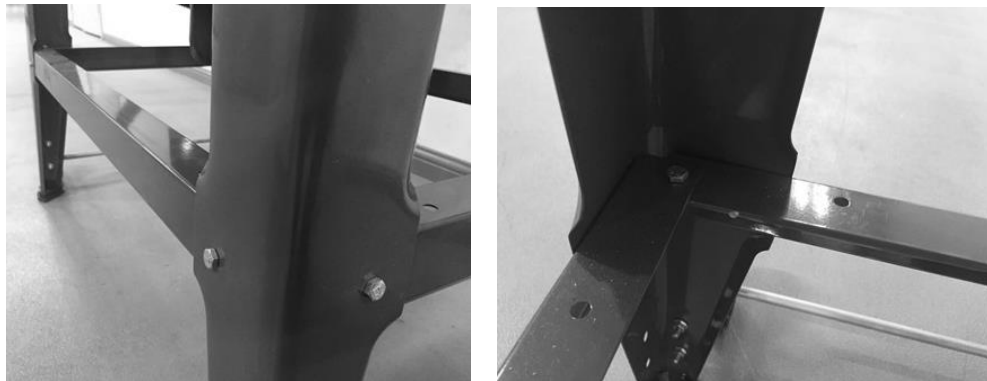


- d) Use two ST4.2x13 guide bolts to install the switch box on the foot.





e) Install the 4 bar to the feet. The bolts must not be tightened too much. Then connect the together with screw and bolts.

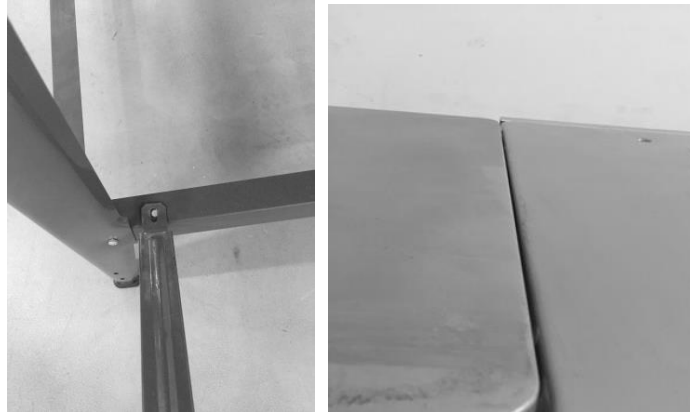


f) Install the extension table, the extension table can be installed in two ways:

- **Side 1: Unscrew the screws of the side of the table. Install the 2 support bar on each side of the low bar of the table and screw them with screws and washers. Install the extension table and then put in place the screws. Screw the support bar with the extension table.**



- **Side 2: screw the 2 support bar on the low bar of the table. Install the extension table and screw it on the table and then screw the support bar with the extension table.**



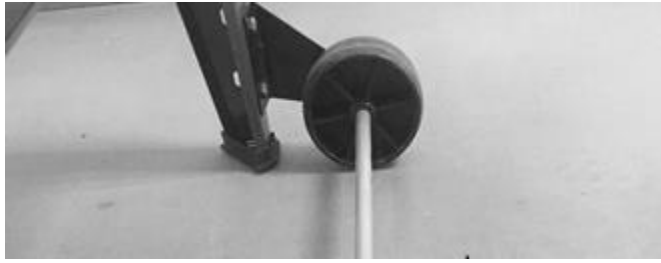
- g) Install the support of foot on the feet.



- h) Take four M4x12 hex head bolts, four M6 washers and four M6 nuts and mount axle and part pulley to part 4 and part 5 (see pic. 9). The bolts must not be tightened too much.



- i) Tighten all the bolts.
- j) Turn the appliance to its feet. Ask for the help to another person for this. Adjust the wheel with the bar until it touches the ground. Secure the bolts.



k) Install the transport handle on the two foot by using the M8x45 hex head bolts and M8 female screws.



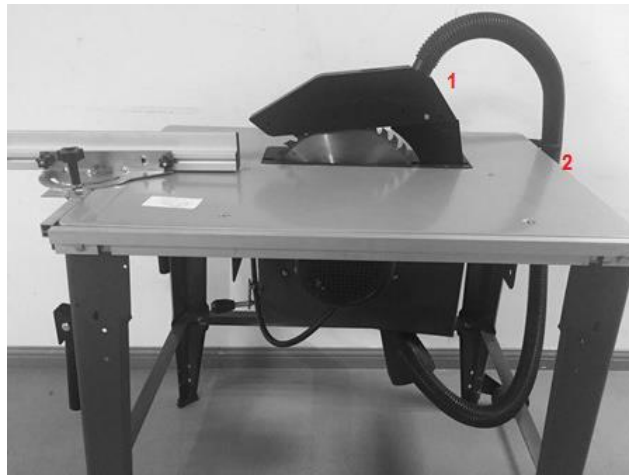
l) Use M6x25 cross groove bolts and M6 nuts, to install the blade protection on the blade.



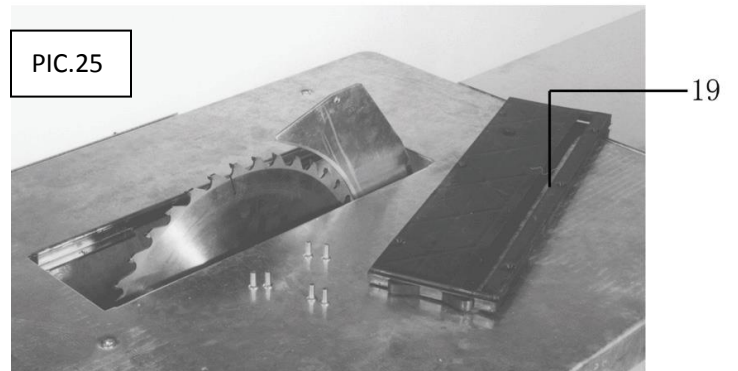
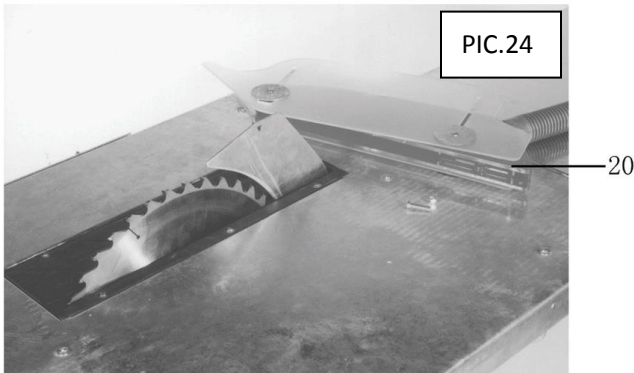
m) Install the rip fence on the guide rail of the table. Check the installation; the device should move freely in the guide rail.

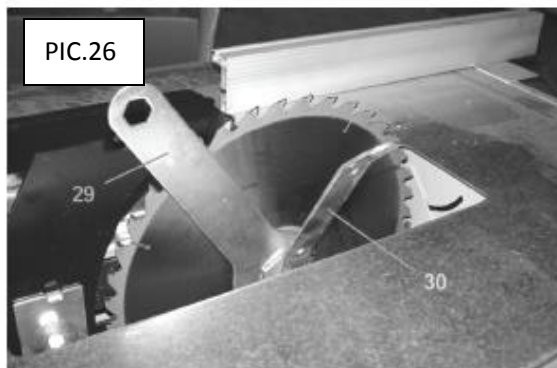


n) Connect the hose to the blade protection (1). Fix the hose to its holder (2).



## 2. CIRCULAR SAW BLADE REPLACEMENT





- a) Loosen the bolts and dismount part 20 (see pic.24).
- b) Loosen the bolts and dismount part 19 (see pic.25).
- c) Using the special tools 29 and 30, loosen the bolt fixing the circular saw blade (see pic. 26).
- d) Reversed order assembly.

#### 4. POWER SUPPLY

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**ATTENTION! When working with non-grounded machines:**

**Severe injury or even death may arise though electrocution!**

**Therefore:** The machine must be operated at a grounded power socket.

The electrical connection of the machine must be carried out by a qualified electrician only. In addition, the qualified electrician must check the following points:

- The electronic connection of the machine is designated for operation with a grounded power socket!
- The mains supply must be secured with a 16A current.
- If the connector plug doesn't fit or if it is defect; in case of malfunction only qualified electricians may modify or re-new it.
- The grounding wire should be held in green-yellow.
- Check, whether the feeding voltage and the frequency comply with the required values of the machine. A deviation of feeding voltage of  $\pm 5\%$  is allowed (e.g.: a machine with working voltage of 380V can work within a voltage bandwidth of 370 till 400V).
- After connecting, check the right running direction.
- Make sure that a possible extension cord is in good condition and suitable for the transmission of power. An undersized cord reduces the transmission of power and heats up.
- If the cable is damaged. If cable is damaged or doesn't work correctly, it must be immediately replaced.



**NOTICE! Operation is only allowed with safety switch against stray current (RCD max. stray current of 30mA)**



**NOTICE! Use only permitted extension cable with cross-section the one in the following table declared.**

## 5. OPERATION

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### NOTICE!

- Operating only with started dust collector!
- Never start the machine when the workpiece is pressed to the saw blade!
- Before starting the machine check if the saw blade is tightened.
- Check the running direction of the saw blade (arrow).
- Always adapt cutting speed to the respective working.
- Use the push stick to avoid the risk of contact with the saw blade.
- Slide the workpiece evenly, without relapses and without retake it until the end of cutting.
- When working with small pieces, always use the push stick to push the material; never use your hands or others devices!
- Wear protective equipment: gloves, mask, helmet, protective glasses.

#### a) Placement of the machine

For changing the place you have to use the wheels. By lifting the machine with the handles, the machine is very easy moved. Regard that the floor is plane and stable. When moving the table, the machine must be switched off and unplugged. The blade protection must be added on the blade.

#### b) Starting/Stopping

Pushing the green switch **I**, the machine is turned on. It gets turned off by using the red switch **0**. The switch button is on the foot of the table.



#### c) Adjustment of the blade depth

Always adjust the blade depth so, that the top of the saw blade is about 2-3 cm over the work piece. It is adjusted by the blade adjustment. Turn the handle clockwise or anticlockwise to adjust the depth. You can the depth of the blade with the mensuration under the table.



d) **Adjustment of the blade tilt**

For tilted cuts you have to open the lock screws, which are under the table. The tilt can now be adjusted and read on the scale. Then the lock screws have to be fixed again.



e) **Adjustment of the fence**

Angular adjustment: At first you have to open the lock screw. The angle can be read on the scale. For the most important angles there are grooves. Using the detent these angles can be adjusted easily. After the adjusting the lock screw must be fixed again.

Adjustment of the distance to the saw blade: Move the fence to the wished measure which can be read on the scale.

## 6. MAINTENANCE AND STORAGE

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### a. Maintenance

WARNING! Before carrying out maintenance or adjustments, the machine must be unplugged from power.

The machine does not require intense maintenance. Please follow the below points to maintain your tool in a good work condition.

- After each use, check if the tool is not damaged; if bolts and screws are well tighten in place.
- If the tool is damaged, blade is worn or others malfunction are observed, do not use the tool and call a qualified person to bring inspection and reparation when necessary.

### b. Transportation

Before transporting and moving the product to any other location, turn it off and unplug the power.

Install transport covers, if applicable.

Protect the product from strong impacts or strong vibrations that can occur during vehicle transport.

Protect the product from slipping and falling over.

Put the protection blade on the blade when transporting the tool

### c. Storage

Store the product and its accessories in a dry, frost-free place.

Always store the product in a place out of reach of children. The perfect storage temperature is between 10 and 30°C.

We recommend using the original packaging for storing the product or covering it with an appropriate cover, to protect it from dust.

The blade must always be covered with its protection during storage

## 7. DISPOSAL

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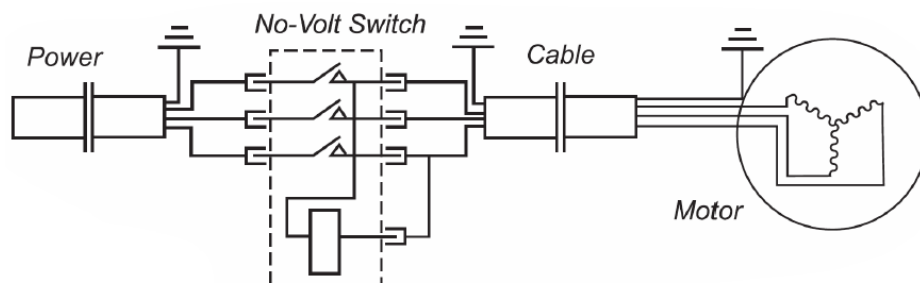
Electrical products should not be discarded with household products. According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation into national law, electrical products used must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.



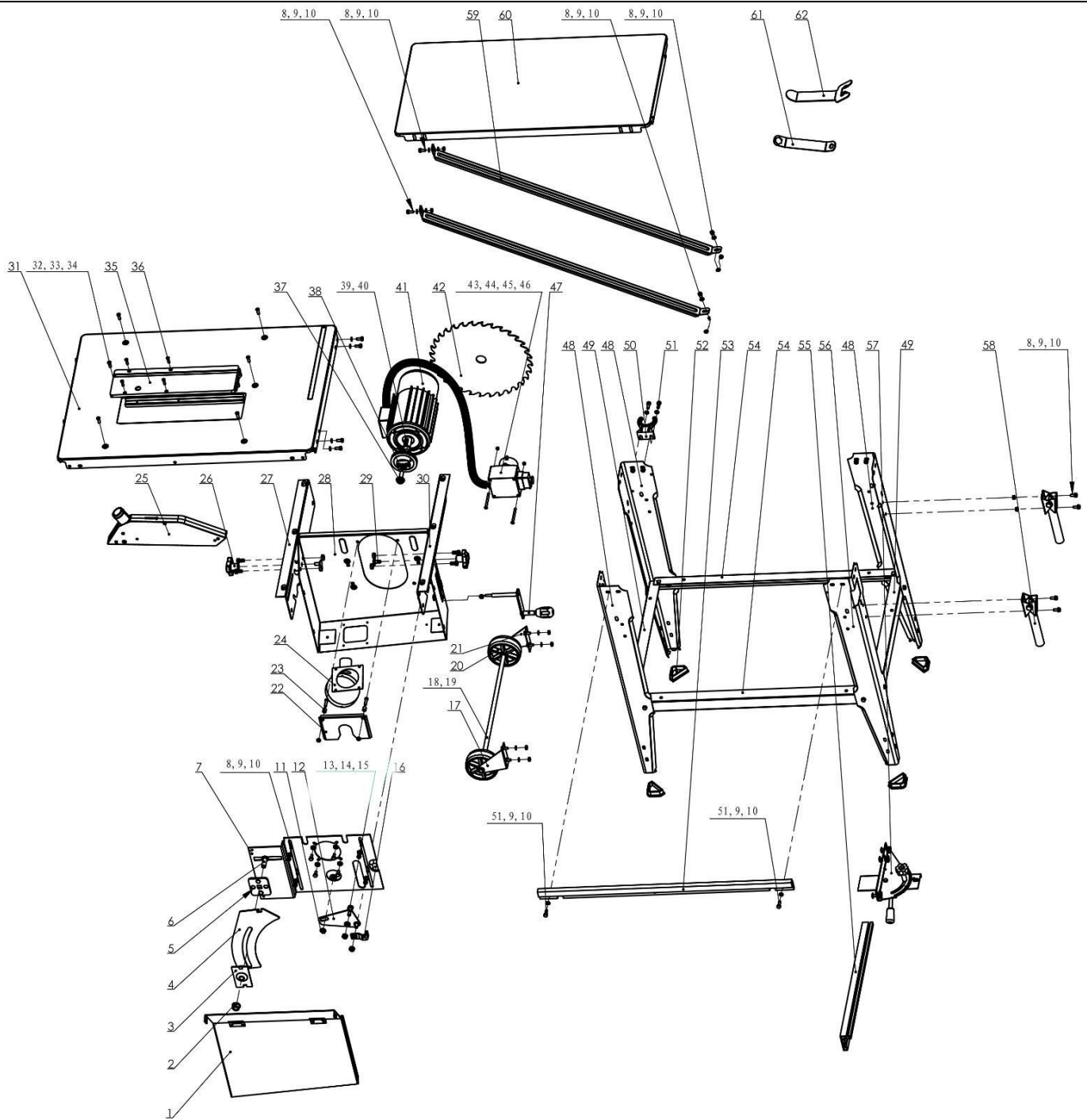
## 8. TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
<b>Saw does not start.</b>	Motor cord or wall cord is not plugged in.	Plug in motor cord or wall cord.
	Circuit fuse is blown.	Replace circuit fuse.
	Circuit breaker is tripped.	Reset circuit breaker.
	Cord or switch is damaged.	Have the cord or switch replaced.
<b>Rip fence does not move smoothly.</b>	Rip fence not mounted correctly.	Remount the rip fence.
	Rails are dirty or sticky.	Clean and wax rails.
	Clamp screw is out of adjustment.	Adjust clamp screw.
<b>Rip fence does not lock at rear.</b>	Clamp screw is out of adjustment.	Adjust clamp screw.
<b>Cutting binds or burns work.</b>	Blade is dull.	Replace or sharpen blade.
	Working is fed too fast.	Slow the feed rate.
	Rip fence is misaligned.	Align the rip fence.
	Spreader is out of alignment. Wood is warped.	Replace the wood. Always cut with convex side to table surface.
<b>Wood edges away from rip fence when ripping. Saw does not make accurate 90° or 45° cuts.</b>	Ripping fence is misaligned.	Check and adjust the rip fence.
	Mitre gauge is misaligned (Mitre Cuts)	Adjust the mitre gauge.
<b>Height/bevel adjusting hand wheel is hard to turn.</b>	Gears or post inside cabinet are clogged with saw dust.	Clean the gears or screw post.
<b>Blade makes poor cuts.</b>	Blade is dull or dirty.	Clean, sharpen, or replace blade.
	Blade is wrong type for cut being made.	Replace with correct type.
	Blade is mounted backwards.	Remount blade.
<b>Blade does not lower when turning height /bevel adjusting hand wheel.</b>	Locking lever is not at full left position.	Move locking lever to left.
<b>Motor labors in rip cut.</b>	Blade not proper for rip out.	Change blade; rip blade typically has fewer teeth.

## 9. WIRING DIAGRAM



# 10. EXPLODED VIEW



<b>No</b>	<b>Description</b>	<b>Qty</b>	<b>No</b>	<b>Description</b>	<b>Qty</b>
<b>1</b>	guard	1	<b>32</b>	screw M6x20	6
<b>2</b>	nut M12	1	<b>33</b>	washer M6	6
<b>3</b>	Plate	1	<b>34</b>	nut M6	6
<b>4</b>	plate 65Mn	1	<b>35</b>	plate	1
<b>5</b>	positioning square plate	1	<b>36</b>	screw M5x20	4
<b>6</b>	bolt M12x35	1	<b>37</b>	bolt M10x35 (left)	1
<b>7</b>	sliding plate	1	<b>38</b>	washer M10	1
<b>8</b>	bolt M6x16	40	<b>39</b>	plate	1
<b>9</b>	washer M6	86	<b>40</b>	inner saw blade flange	1
<b>10</b>	nut M6	43	<b>41</b>	motor 2.2KW, 400V, 50HZ	1
<b>11</b>	circlip for shaft Ø10	1	<b>42</b>	saw blade Ø315xØ30xZ4 0	1
<b>12</b>	adjust plate	1	<b>43</b>	switch KOA7	1
<b>13</b>	bolt M8x25	3	<b>44</b>	bolt M4x60	2
<b>14</b>	washer M8	12	<b>45</b>	washer M4	2
<b>15</b>	nut M8	9	<b>46</b>	nut M4	2
<b>16</b>	adjust the hook plate	1	<b>47</b>	handle	1
<b>17</b>	left fixed plate for roller shaft	1	<b>48</b>	supporting1	3
<b>18</b>	roller shaft	1	<b>49</b>	short vertical connecting plate	2
<b>19</b>	circlip for shaft Ø12	4	<b>50</b>	corrugated pipe clamp	1
<b>20</b>	wheel Ø100	2	<b>51</b>	bolt M6x20	8
<b>21</b>	right fixed plate for roller shaft	1	<b>52</b>	foot pad	4
<b>22</b>	slot plate	1	<b>53</b>	rail	1
<b>23</b>	pin bush	2	<b>54</b>	long horizontal connecting plate	2
<b>24</b>	joint for sawdust collecting	1	<b>55</b>	fixed for mitre gauge	1

<b>25</b>	protective housing	1	<b>56</b>	supporting2	1
<b>26</b>	knob	2	<b>57</b>	mitre gauge	1
<b>27</b>	left connecting plate	1	<b>58</b>	handle	1
<b>28</b>	guard	1	<b>59</b>	horizontal supporting	2
<b>29</b>	bolt	2	<b>60</b>	deputy working table	1
<b>30</b>	right connecting plate	1	<b>61</b>	wrench 1	1
<b>31</b>	working table	1	<b>62</b>	wrench 2	1

## 11. EC DECLARATION OF CONFORMITY

**HYUNDAI**  
POWER EQUIPMENT



Declaration of conformity

HYUNDAI

ZI, 32 RUE ARISTIDE BERGES – 312070 CUGNAUX – FRANCE

Declares that the machinery as designated below:

TABLE SAW

Model: HCP3000

Serial number:

Complies with the provisions of the Directive « machinery » 2006/42/EC and national laws transposing it:

Also complies with the following European directives:

EMC Directive 2014/30/EU

ROHS Directive 2011/65/EU

Also complies with European standards, with national standards and the following technical provisions:

EN 61029-1:2009/A11:2010

EN 61029-2-1:2012

EN 55014-1:2006/A2:2011

EN 55014-2:1997/A2:2008

EN 61000-3-2:2014

EN 61000-3-3:2013

Cugnaux, 27/04/2017

Philippe MARIE / PDG

Responsible of technical file: Mr Olivier Patriarca